

26210-0083280

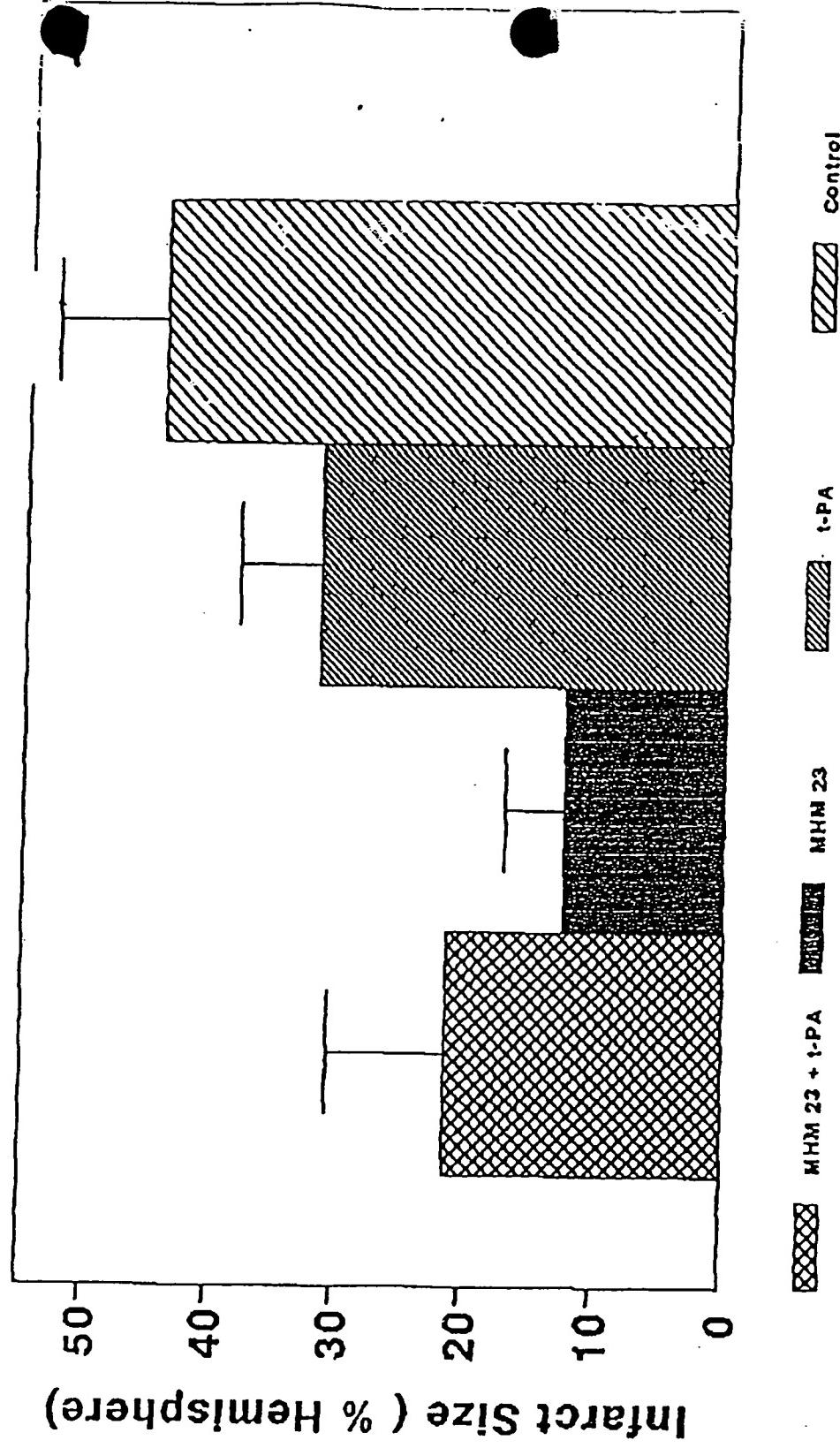


Figure 1

20 30 40 50 60 70 80 90 100 110 120

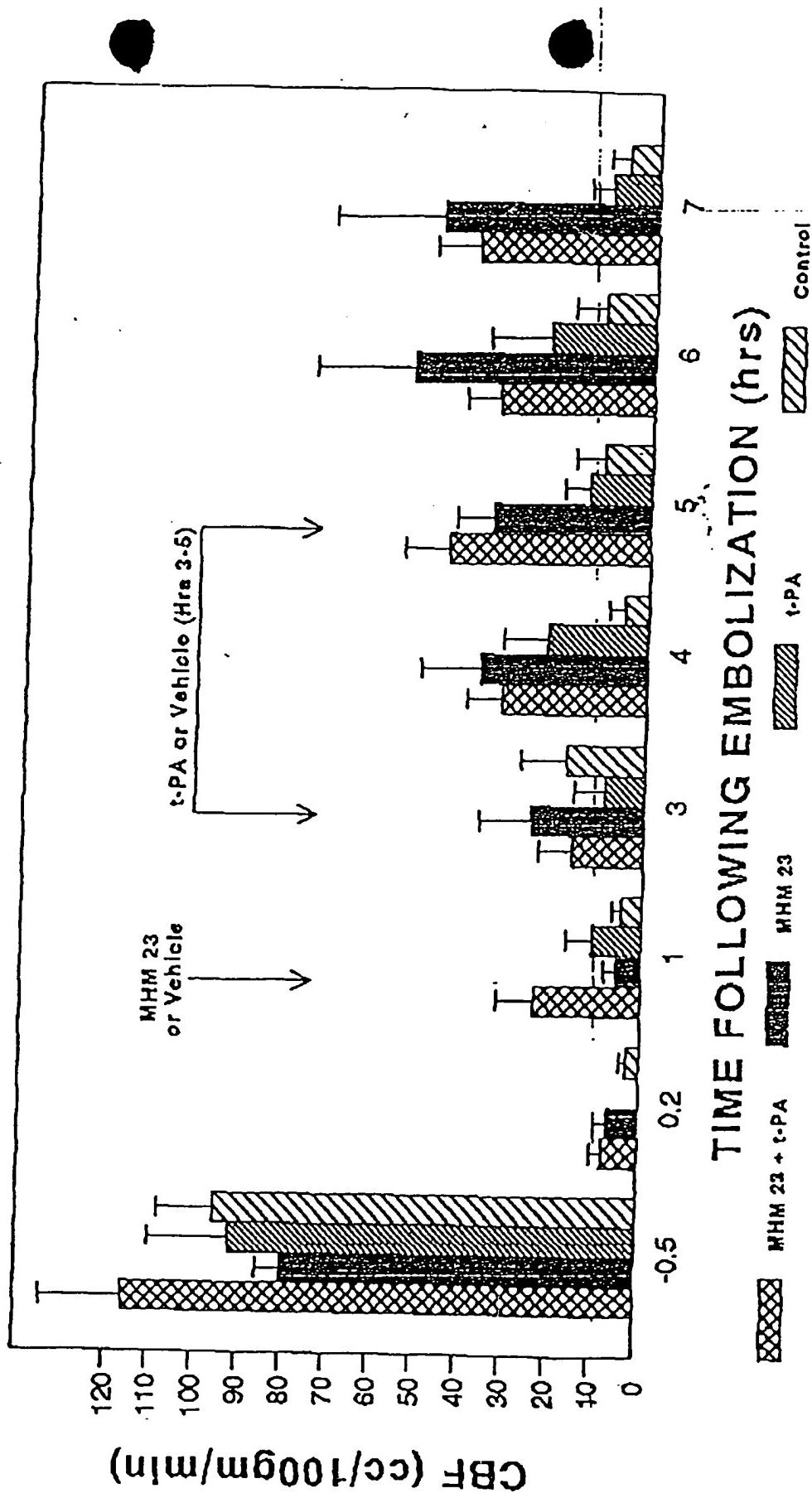


Figure 2

200000000000000

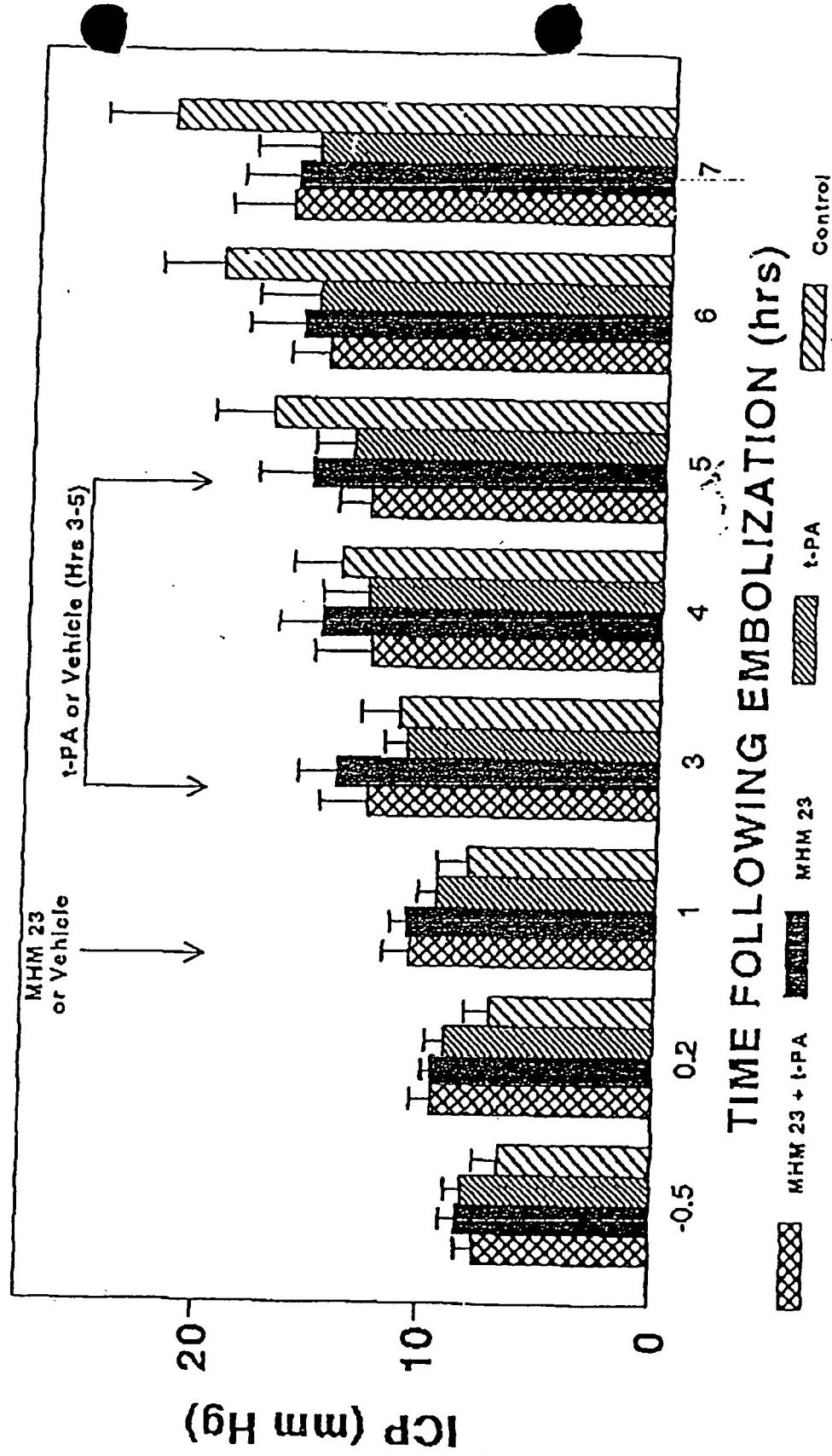


Figure 3

hIgG <sub>1</sub>	Sequence of human IgG1 CH1 domain
hIgG <sub>2</sub>	Sequence of human IgG2 CH1 domain
hIgG <sub>3</sub>	Sequence of human IgG3 CH1 domain
hIgG <sub>4</sub>	Sequence of human IgG4 CH1 domain
humκ	Sequence of human kappa CL domain
humλ	Sequence of human lambda CL domain

	114	128	139
hIgG <sub>1</sub>	!	!	!
hIgG <sub>2</sub>	A S T K G P S V F P L A P S S K S T S G G T A A L		
hIgG <sub>3</sub>	A S T K G P S V F P L A P C S R S T S E S T A A L		
hIgG <sub>4</sub>	A S T K G P S V F P L A P C S R S T S G G T A A L		
	108	122	131
humκ	!	!	!
humλ	R T V A A P S V F I F P P S D E Q L K S G T A S V		
	Q P K A A P S V T L F P P S S E E L Q A N K A T L		

most important

★ ★ ★

<b>hIgG<sub>1</sub></b>	G C L V K D Y F P E P V T V S W N S G A L T S
<b>hIgG<sub>2</sub></b>	G C L V K D Y F P E P V T V S W N S G A L T S
<b>hIgG<sub>3</sub></b>	G C L V K D Y F P E P V T V S W N S G A L T S
<b>hIgG<sub>4</sub></b>	G C L V K D Y F P E P V T V S W N S G A L T S

humk	V C L L N N F Y P R E A K V Q W K V D N A L Q
humλ	V C L I S D F Y P G A V T V A W K A D S S P V

**Fabv1b** G C L V K D X E P E P V T V S W N S G A L T S

hIgG <sub>1</sub>	G V H T F P A V L Q S S G - - - L Y S L S S V
hIgG <sub>2</sub>	G V H T F P A V L O S S G - - - L Y S L S S V

**Figure 4A**

hIgG <sub>1</sub>	G V H T F P A V L Q S S G - - -	L Y S L S S V
hIgG <sub>4</sub>	G V H T F P A V L Q S S G - - -	L Y S L S S V
humκ	S G N S Q E S V T E Q D S K D S T Y S L S S T	
humλ	K A G V E T T T P S K Q S N N - K Y A A S S Y	
<hr/>		
Fabv1b	G V H T F P A V L Q S S G - - -	L Y S L S S V

	193	200	203	
hIgG <sub>1</sub>	V T V P S S S L G T -	Q T Y I C N V N H K P S		
hIgG <sub>2</sub>	V T V P S S S N F G T -	Q T Y T C N V D H K P S		
hIgG <sub>3</sub>	V T V P S S S L G T -	Q T Y T C N V N H K P S		
hIgG <sub>4</sub>	V T V P S S S L G T -	K T Y T C N V D H K P S		
	181	190		
humκ	L T L S K A D Y E K H K V Y A C E V T H Q G L			
humλ	L S L T P E Q W K S H R S Y S C Q V T H E G S			
<hr/>				
Fabv1b	V T V P H Q S L G T -	Q T Y I C N V N H K P S		
of interest	H Q N L S D G K			
most important	<hr/> * * * * *			

hIgG <sub>1</sub>	N T K V D K R V - - -	
hIgG <sub>2</sub>	N T K V D K T V - - -	
hIgG <sub>3</sub>	N T K V D K R V - - -	
hIgG <sub>4</sub>	N T K V D K R V - - -	
<hr/>		
humκ	S S P V T K S F N R G E C	
humλ	T V E K T V A P T E C S	
<hr/>		
Fabv1b	N T K V D K R V - - -	

Figure 4B